

Bachelor of Science- Web & Information Systems - 129 Credits

		Fall Semester		Spring Semester		
Freshman	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science	3
	Math 111/138	Calculus I/General Calculus I	3	IS 117	Introduction Website Development	3
	HUM 101	English Composition: Writing, Speaking, Thinking I	3	IS 265/MIS 245	Intro to Information Systems/Intro to Management Information Systems	3
	Science I		3	HUM 102	English Composition: Writing, Speaking, Thinking II	3
	Science I Lab		1	Science II		3
	CS 107	Computing as a Career	1	Social Science I		3
	<i>Credits:</i>		<i>14</i>	<i>Credits:</i>		<i>18</i>
Sophomore	Math 105	Elementary Probability & Statistics	3	IS 247	Designing the User Experience	3
	IS 218	Building Web Applications	3	IS 344	Computing Applications in Business	3
	IT 114 (<i>recommended</i>) or CS 114	Advanced Programming for IT or Introduction to CS (II)	3	Social Science II		3
	IS 350	Computers, Society & Ethics	3	HUM 211/212/HIST 213	The Pre-Modern World/The Modern World/The Twentieth-Century World	3
	General Elective 1		3	IS 219	Advanced Website Development	3
	Physical Education I		1	CS 207	Computing & Effective Communication	1
	<i>Credits:</i>		<i>16</i>	<i>Credits:</i>		<i>16</i>
Junior	IS 331	Database Design Management & Applications	3	IS 322	Mobile Applications: Design Interface, Implementation	3
	IS 373	Content Management Systems	3	IS 333	Social Network Analysis	3
	IS 390	Requirements Analysis & Systems Design	3	IS 375	Discovering User Needs and Enhancing The User Experience	3
	ENG 340/352	Oral Presentations/Technical Writing	3	IS 392	Web Mining & Information Retrieval	3
	IS 448	Usability and Measuring the User Experience	3	General Elective 3		3
	General Elective 2		3	Physical Education II		1
	<i>Credits:</i>		<i>18</i>	<i>Credits:</i>		<i>16</i>
Senior	IT 310	E-Commerce	3	IS 465	Advanced Information Systems	3
	IS 421	Advanced Web Applications	3	IS 491	Senior Project	3
	IE 492 OR ENTR 410	Engineering Management OR New Venture Management	3	HSS Capstone		3
	Upper LIT/PHIL/HIST/STS		3	General Elective 5		3
	General Elective 4		3	General Elective 6		3
				CS 407	Professional Development in Computing	1
	<i>Credits:</i>		<i>15</i>	<i>Credits:</i>		<i>16</i>